



NITFS Compliance Registration



Product: Enterprise Image Access Solutions (E-IAS)

Sponsor: Compressor Version 1.5.2
JIT Visual Information Solutions

Date: 02 June 2010
Expiration: 01 June 2012
Registration #: 3018

Developer: Visual Information Solutions

☒ Initial Registration
Supplemental/Update #
☐ Derived from Reg. #

System

N-0105/98, §4.1.1

Product

N-0105/98, §4.1.2

Component

N-0105/98, §4.1.3

NITFS Features Implemented:

Format

NITF

- ☒ 2.1
- ☒ 2.0
- ☐ 1.1

NSIF

- ☐ 1.0

Pixel Value Types

- ☐ Boolean
- ☒ Integer
- ☐ Signed Integer *
- ☐ IEEE Real *
- ☐ IEEE Complex *

Annotation Segment Types

- ☐ Bit Mapped **
- ☐ CGM, 2301
- ☒ CGM, 2301A
- ☐ Labels **

Text Segments

- ☒ TA
- ☐ TT1
- ☐ U8S
- ☐ MTF

Image Segment Types

- ☒ MONO
- ☒ RGB
- ☐ RGB/LUT
- ☐ YCbCr
- ☒ MULTI
- ☐ NO DISPLAY
- ☐ POLAR

Image Compression

- ☒ No Compression
- ☐ JPEG Lossy, 8-bit
- ☐ JPEG Lossy, 12-bit
- ☐ JPEG Downsample
- ☐ JPEG Lossless
- ☒ JPEG 2000
- ☐ Bi-Level
- ☒ Vector Quantization

Data Extension Segments

- ☒ PRE_OVERFLOW
- ☐ STREAMING_FILE_HEADER
- ☐ Controlled Extensions **
- ☐ Registered Extensions **

Tagged Record Extensions

- ☒ KLRA

Complexity Level							
NITF 2.1 CLEVEL							
	3	5	6	7			
Interpret							
Generate							
NITF 2.0 CLEVEL							
	1	2	3	4	5	6	Oth
Interpret							
Generate							

Configurations Tested:

- Intel Core i7 CPU, 2.67GHz, Fedora release 10 (Cambridge)

Interpret
Generate
Legend
☒ Fully implemented
☒ Partially implemented
☐ Not implemented

Valerie Baker, Lt Col, USAF, Portfolio Chief
Joint Interoperability Test Command
Executive Agent to National Geospatial-
Intelligence Agency for the NITFS Test and
Evaluation Program

Registration does not guarantee that a product will meet all users' requirements.
Potential users should evaluate the detailed test results to determine the suitability of
the product for the intended use. Optional NITFS features may not be implemented.